

80 PLUS Verification and Testing Report

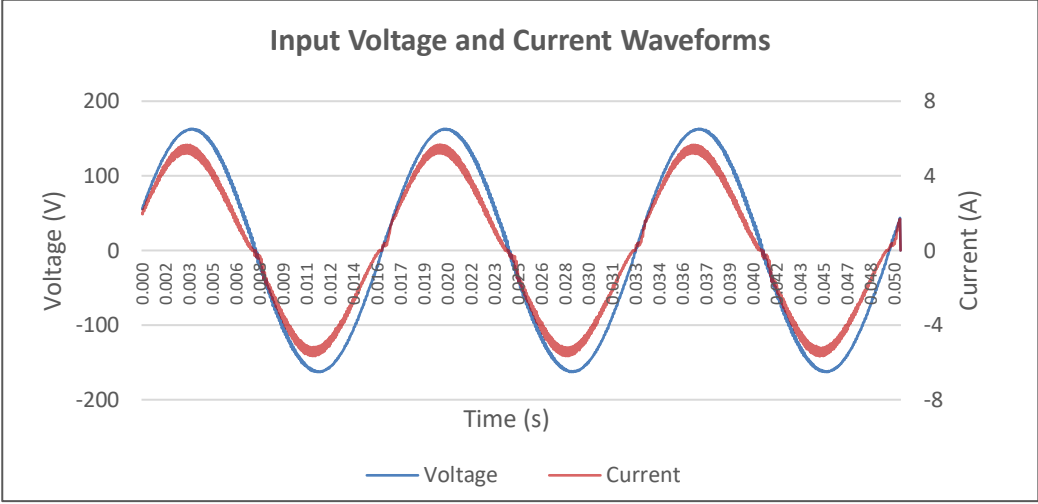
TYPICAL EFFICIENCY (50% Load):	91.32%
AVERAGE EFFICIENCY :	87.63%
80 PLUS COMPLIANT:	Gold



ID Number	7580
Manufacturer	Gamer Storm
Model Number	PQ750G (PQ750G-FD)
Serial Number	N/A
Type	ATX12V
Test Date	9/19/24

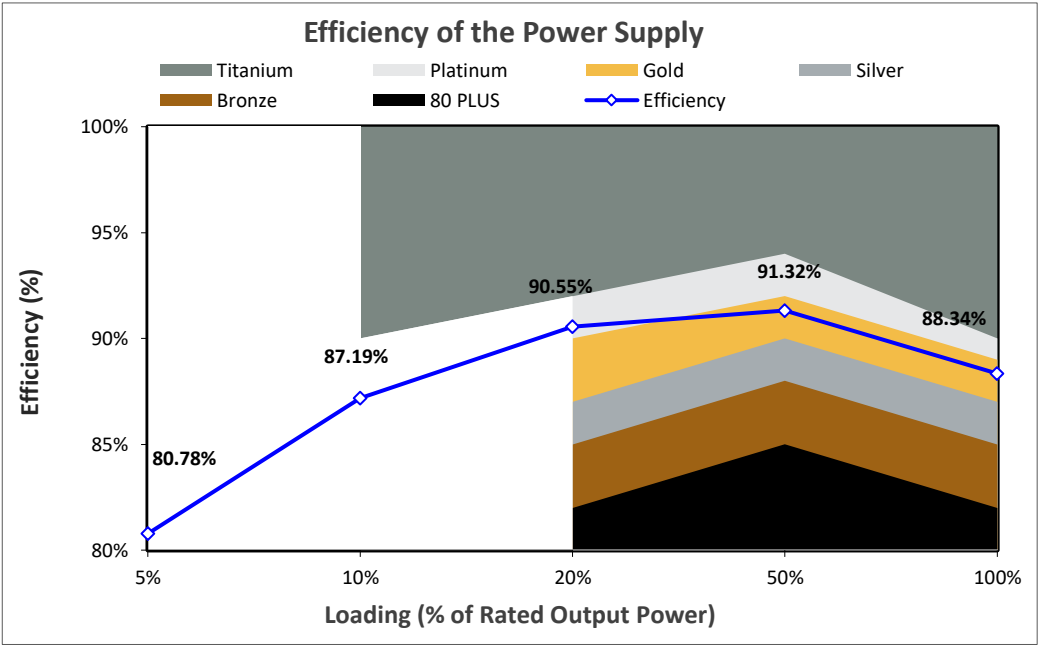
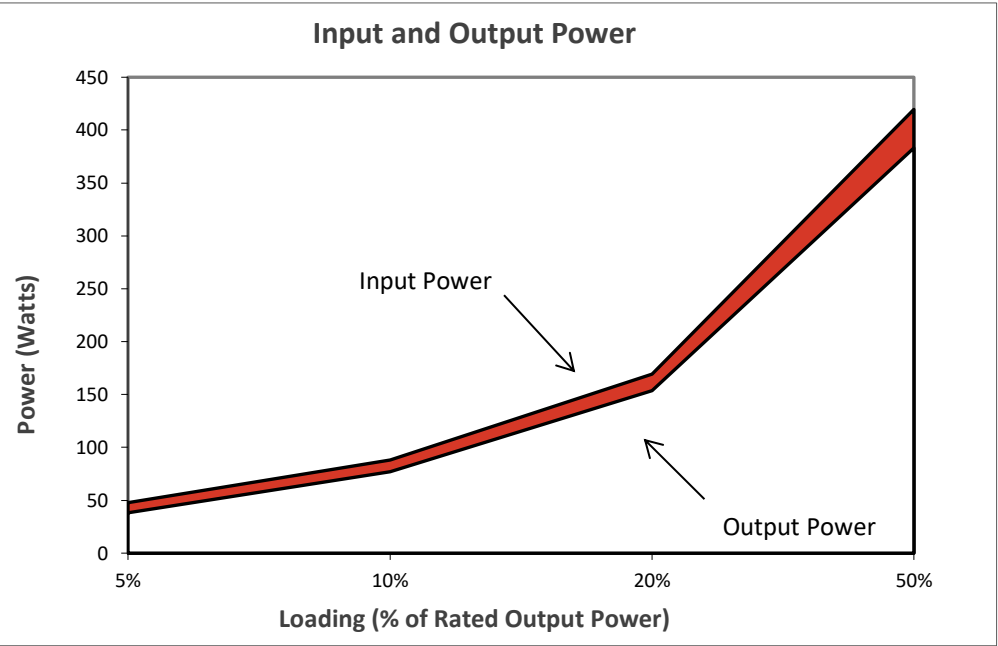
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 6.57%, 50% Load)

I _{RMS} (A)	PF	I _{THD} (%)	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5VSB		
0.111	0.5588	19.62	0%	7.14	No-Load						
0.435	0.9509	12.69	5%	47.54	12.05/2.71	12.05/0.013	3.33/0.53	5.11/0.53	5.14/0.109	38.40	80.78%
0.779	0.9828	9.33	10%	88.09	12.3/5.41	11.92/0.026	3.33/1.05	5.11/1.05	5.14/0.218	76.80	87.19%
1.509	0.9769	12.02	20%	169.52	12.29/10.82	11.8/0.052	3.33/2.1	5.11/2.1	5.12/0.436	153.49	90.55%
3.676	0.9928	6.57	50%	419.58	12.28/27.03	11.68/0.131	3.32/5.25	5.11/5.25	5.09/1.09	383.14	91.32%
7.550	0.9970	4.14	100%	865.43	12.25/54.07	11.93/0.262	3.3/10.51	5.1/10.51	5.02/2.18	764.55	88.34%



These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS Program. 80 PLUS is a certification program to promote highly-efficient power supplies (greater than 80% efficiency in the active mode) in technology applications.

<http://www.80plus.org/>